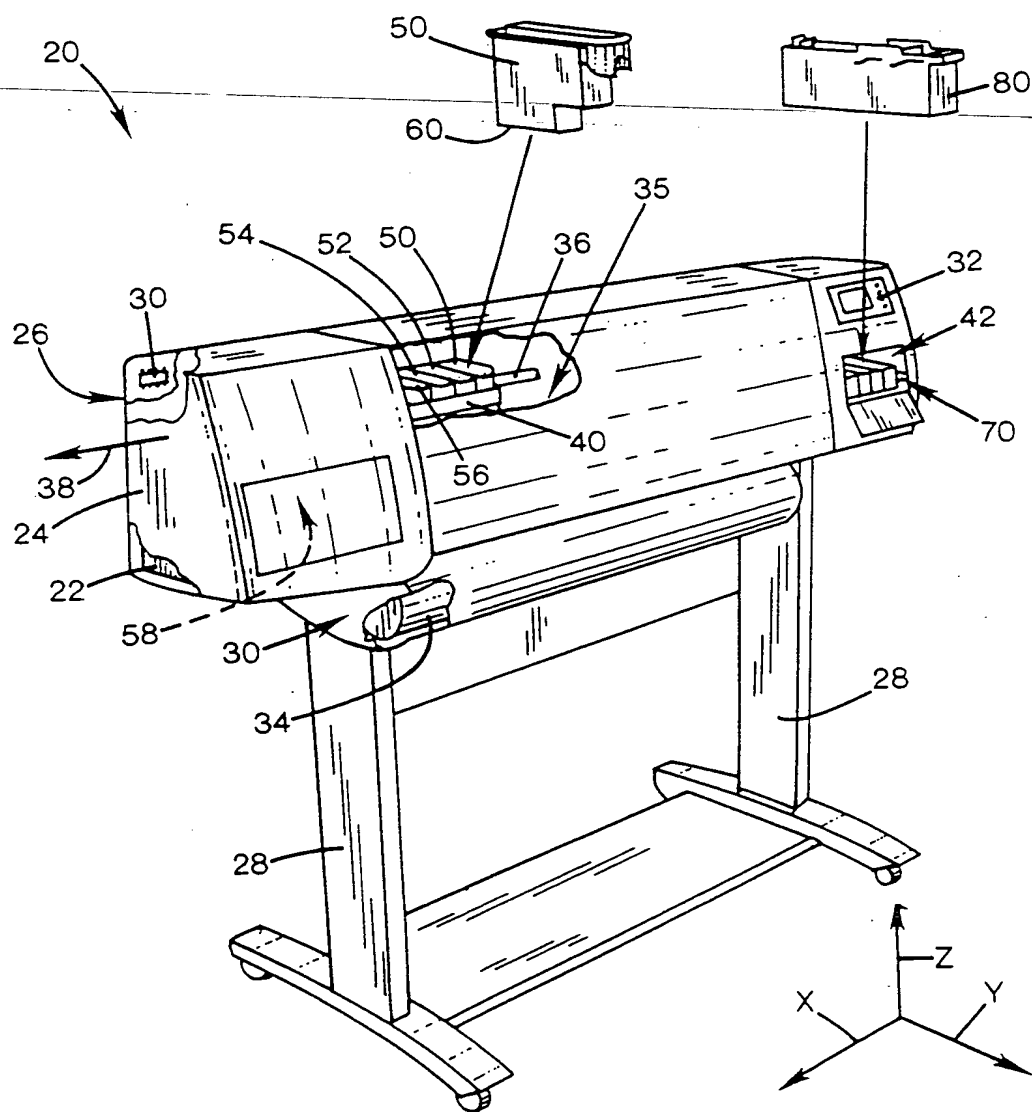


FIG. 1



09886414-062101

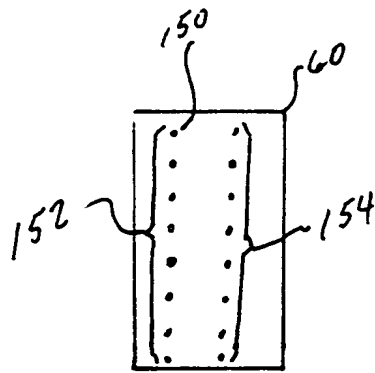


FIGURE 3

098864.14.062101

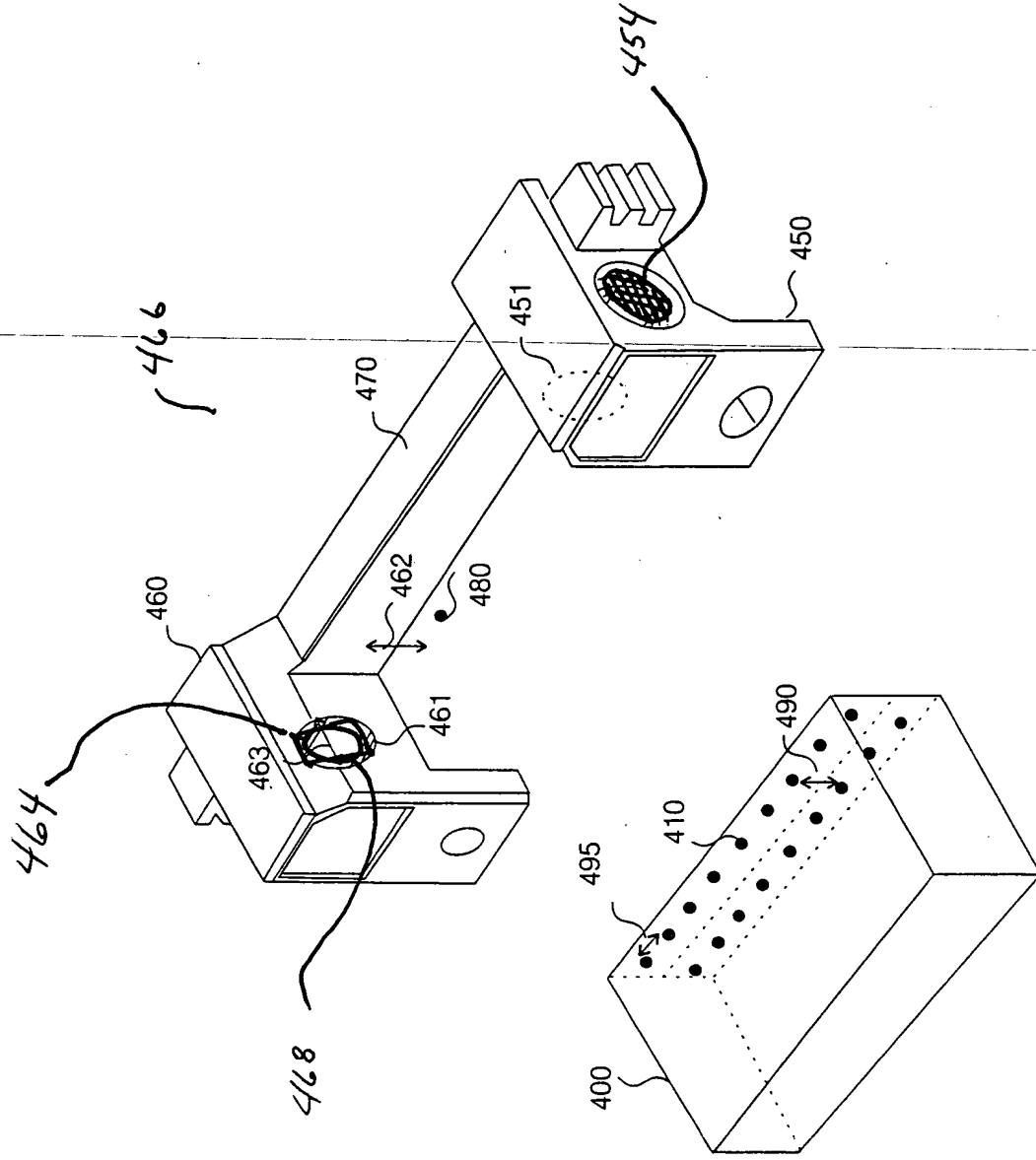


Fig. 4

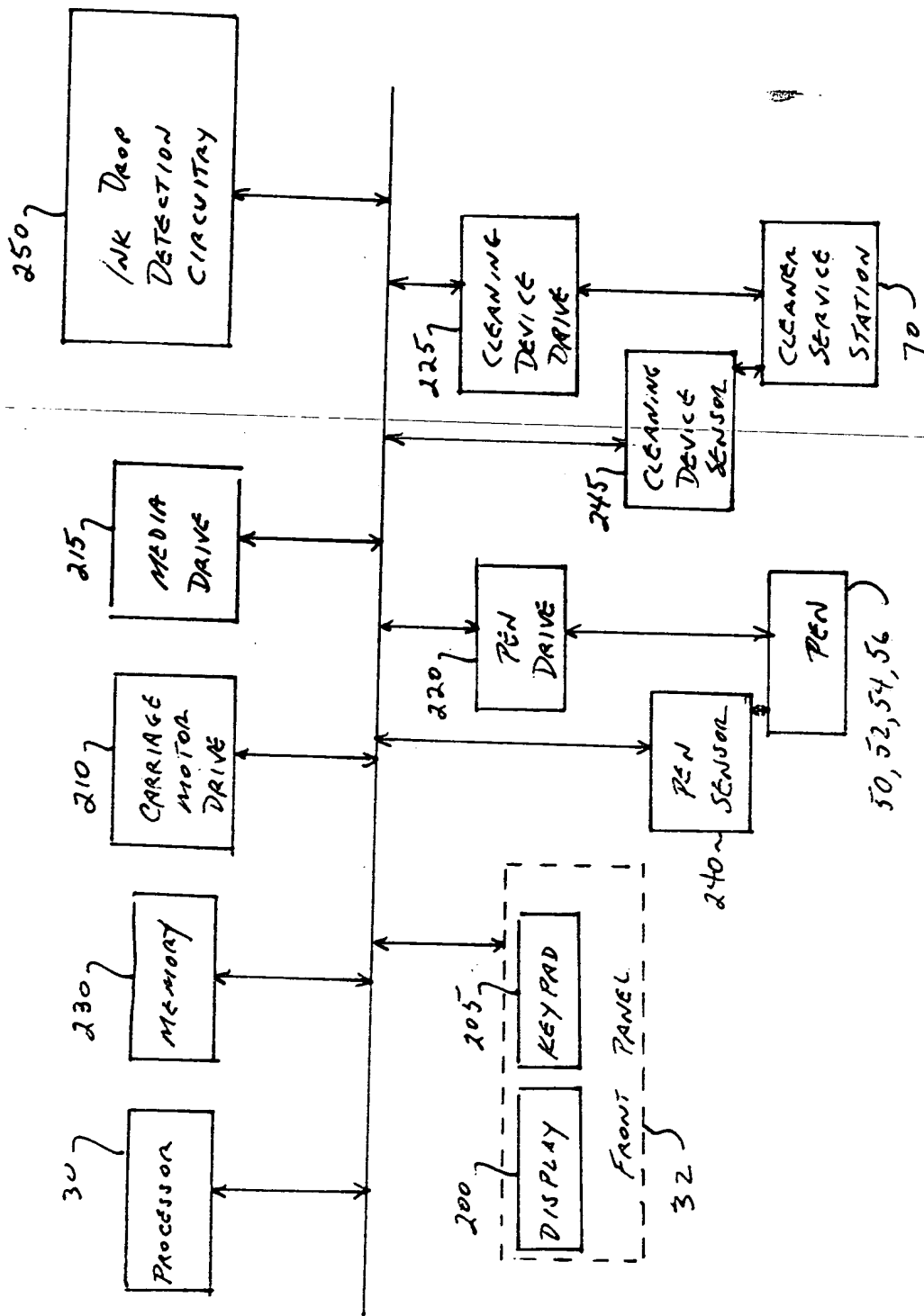


FIGURE 5

FIG. 6

2507

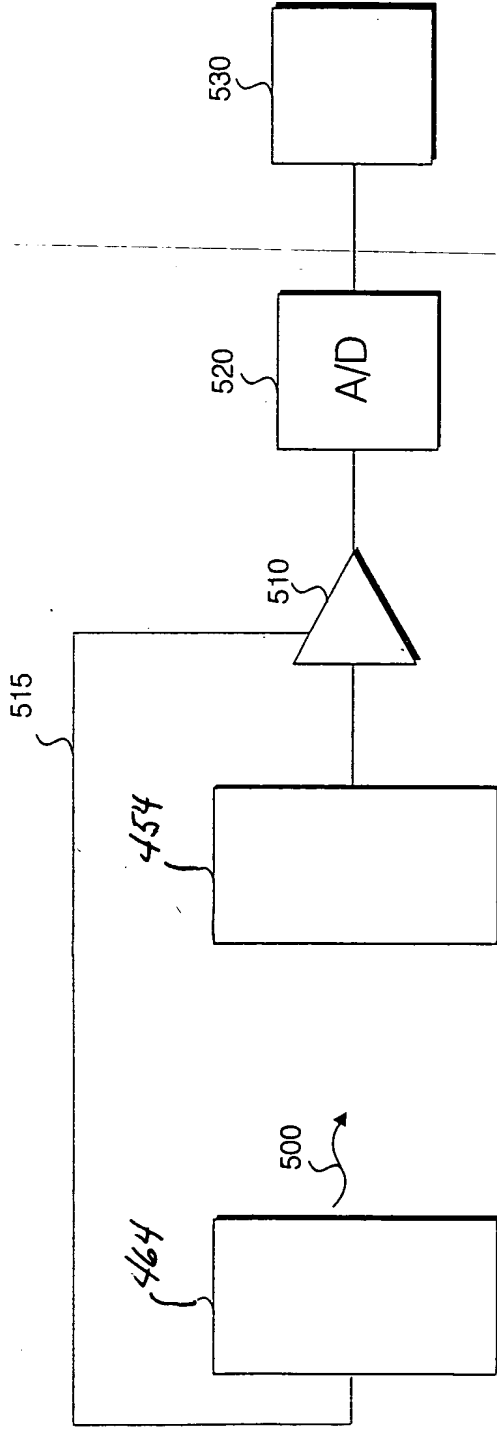


Fig. 6

```

graph TD
    600[POWER UP] --> 610{RECEIVED PRINT JOB?}
    610 -- NO --> 740{MAINTENANCE SCHEDULED?}
    610 -- YES --> 620[DETERMINE REQUIRED QUALITY LEVEL]
    620 --> 630[DETERMINE NOZZLE HEALTH]
    630 --> 640{NOZZLE HEALTH > REQUIRED QUALITY LEVEL?}
    640 -- NO --> B((B))
    640 -- YES --> 680{MAINTENANCE REQUIRED?}
    680 -- YES --> 700[SCHEDULE MAINTENANCE]
    680 -- NO --> 710[700]
    700 --> 710{PLOT PRINT JOB}
    710 --> 710{DOTS / NOZZLE > THRESHOLD?}
    710 -- YES --> 720[PERFORM WIPE PROCEDURE]
    710 -- NO --> 730[CAP PEN]
    720 --> 730
    740 -- YES --> 750[PERFORM MAINTENANCE]
    740 -- NO --> 760{IDLE TIME > THRESHOLD?}
    750 --> 760
    760 -- YES --> 770[PERFORM WIPE PROCEDURE AND CAP PEN]
    760 -- NO --> 710
    
```

FIGURE 7A

FIGURE 7A

09886444-062101

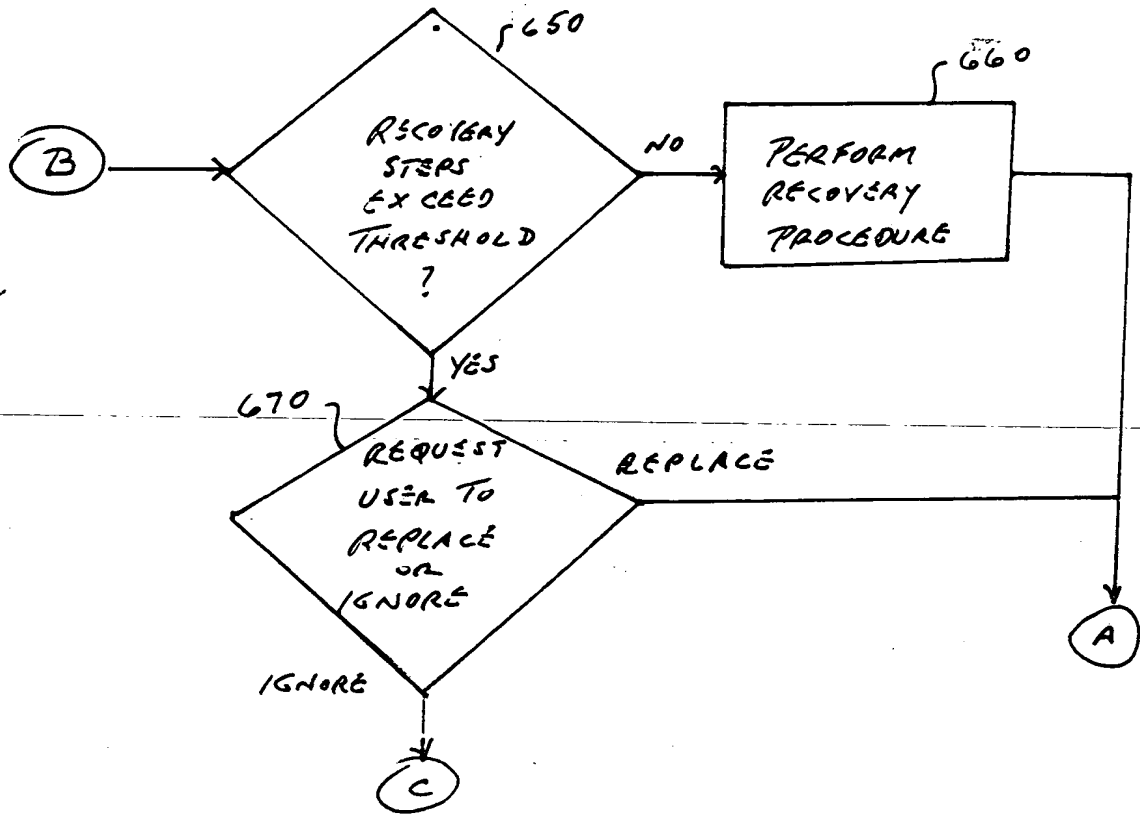


FIGURE 7B